

## **Historic, Archive Document**

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# TREE SEEDS



## COMPLETE PRICE LIST of



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## Otto Katzenstein & Co.

**TREE SEED SPECIALISTS**

109 Druid  
Circle  
N. E.  
P. O. Box  
259



Registered  
Cable  
Address  
Treeseeds  
Atlanta, Ga.

**ATLANTA, GEORGIA, U. S. A.**

**OUR PAMPHLET, "HOW TO MAKE TREE SEEDS GROW," ON REQUEST FREE WITH EVERY ORDER  
25 CENTS A COPY.**

## **THE FOLLOWING CONDITIONS GOVERN ALL TRANSACTIONS:**

**THE PUBLICATION OF THIS LIST CANCELS ALL  
PREVIOUS QUOTATIONS.**

**TERMS:** Cash. Thirty days net or 2% discount for cash within ten days from date of invoice to domestic book customers. We expect remittance with order or other arrangements, satisfactory to us, from our foreign customers. **PRICES ARE QUOTED AND REMITTANCES ARE EXPECTED IN U. S. MONEY.**

**ALL SHIPMENTS** travel at customer's risk. After having taken receipt of transportation companies we are not responsible for delays, losses or injury to shipment while in transit. Customer's redress is with transportation companies only.

**PARCEL POSTAGE.** Domestic rates are governed by zone tariff. Parcel postage into foreign countries is 14c per pound or fraction of pound. In addition to this a number of countries require payment of a surtax. Remittances should cover sufficient amounts for postage, etc.

**NON-WARRANTY.** We use the greatest care to have all our seeds, bulbs, plants, etc., pure and reliable, but they are sold without warranty and without responsibility, express or implied, in respect to the crop. All sales are made under these terms. We are under no circumstances to be held responsible beyond the invoiced value of our goods and **WE CANNOT, UNDER ANY CIRCUMSTANCES, CONSIDER ANY CLAIM AFTER THE GOODS HAVE BEEN PLANTED.** All claims must be made on receipt of goods.

This list is published before the actual extent of some crops of trees and shrub seeds, offered in it, is known and our acceptance of orders is not a warranty for delivery but is subject to crop accidents and limitations of crops. Failing to receive the full amounts ordered from our collectors and growers we reserve the right to reduce proportionately all orders which have been booked or to fill orders in rotation while the supply lasts.

The U. S. Plant Quarantine and Control Administration has now prohibited the importation of any tree seeds in their natural hull. The removal of the outer hulls has naturally effected the prices of seeds which in the past could be imported as gathered.

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**MEMBER** American Association of Nurserymen.  
Southern Nurserymen's Association  
Société Dendrologique de France  
Deutsche Dendrologische Gesellschaft, etc., etc.



*Katzenstein's Seeds with a Reputation for Growing*

**STANDARDIZED PLANT NAMES** is authority  
for our nomenclature

## Conifers

Half ounce and quarter pound at ounce and pound rates, respectively.  
No seeds invoiced for less than 15 cents. No invoice for less than 25 cents. Quotations on large quantities given by letter.

	OZ.	LB.
<b>ABIES arizonica</b> , Silver Cork Fir.....	\$ .75	7.00
" balsamea, Balsam F.....	.35	3.40
" brachyphylla, see homolepis		
" cephalonica, Greek Fir.....	.35	3.00
" concolor, White Fir, Colorado.....	.25	2.00
" concolor violacea.....	.35	3.00
" firma, Momi F.....	.30	2.80
" fraseri, Fraser F.....	.45	4.20
" grandis, Great Silver F.....	.40	3.50
" homolepis, Nikko F.....	.45	4.20
" lasiocarpa (subalpina), Alpine F.....	.55	5.00
" magnifica, Red F.....	.50	4.50
" nobilis, Nobel F.....	.35	3.00
" nordmanniana, Nordmann F.....	.35	3.00
" pectinata, European Silver F.....	.20	1.60
" pinsapo, Spanish F.....	.35	3.00
" sibirica, Siberian F.....	.50	4.50
" veitchi, Veitch F.....	.45	4.40
	100	1000
	Seeds	Seeds
<b>ARAUCARIA bidwillii</b> , Bunya-Bunya .....	8.00	
" excelsa, Norfolk-Island Pine.....	2.00	16.50
" imbricata, Monkey puzzle.....	1.50	12.50
	OZ.	LB.
<b>CEDRUS atlantica</b> , Atlas Cedar.....	.40	3.50
" atlantica argentea.....	.45	4.00
" deodara, Deodar (ask for quantity prices).....	.40	3.50
" deodara argentea.....	.50	4.50
" libani, Cedar of Lebanon.....	.40	3.50
<b>CEPHALOTAXUS drupacea</b> , Japanese Plum-Yew.....	.25	2.40
<b>CHAMAECYPARIS lawsoniana</b> , Lawson Cypress (domestic.....	.65	6.00
" lawsoniana, imported.....	.30	2.80
" obtusa, Kinoki C.....	.30	2.60
" pisifera, Sawara Retinospora.....	.30	2.60
<b>CRYPTOMERIA japonica</b> , Common C.....	.20	1.80
<b>CUNNINGHAMIA lanceolata</b> ( <i>sinensis</i> ) Chinese Fir.....	.40	3.60
<b>CUPRESSUS arizonica</b> , Arizona Cypress.....	.30	2.80
" benthami, Bentham C. (from Old Mexico).....	.40	3.50
" funebris, Mourning C.....	.40	3.50
" glabra, Smooth C.....	.30	2.80
" goveniana, Gowen C.....	.45	4.00
" lusitanica, Portuguese C.....	.50	4.80
" macrocarpa, Monterey C.....	.25	2.20
" sempervirens, Italian C. (domestic seed).....	.35	3.40
" sempervirens, Imported.....	.25	2.00
" s. fastigiata, Pyramidal I. C. (domestic).....	.40	3.60
" s. fastigiata, Imported.....	.25	2.20
" s. horizontalis, Spreading I. C. (domestic).....	.35	3.40
" s. horizontalis, Imported.....	.25	2.00
" torulosa, Bhutan C.....	.35	3.00
<b>GINKGO biloba</b> , Maidenhair-tree domestic) .....	.15	1.20
<b>JUNIPERUS californica</b> , California J.....	.30	2.80
" cedrus.....	.70	6.00
" chinensis, Chinese J.....	c .30	2.80
" chinensis sargentii, Sargent J.....	c .50	4.60
" communis, Common J.....	.15	1.40
" communis canadensis, Prostrate J.....	.20	1.80
" communis montana (nana), Mountain J.....	.20	1.80
" conferta (litoralis), Shore J.....	c .65	6.00
" rigida, Needle J.....	c .40	3.50
" monosperma, Cherrystone J.....	.35	3.00
" sabina, Savin .....	.35	3.20

**NOTE MATERIAL PRICE REDUCTIONS**

**OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.**

**JUNIPERUS—Contd.**

	OZ.	LB.
" <i>scopulorum</i> , Colorado J.....	.20	1.60
" <i>scopulorum</i> (from Montana).....	.30	2.50
" <i>virginiana</i> , Redcedar, Platte River type (100 lbs. \$80).....	.15	1.10
" <i>virginiana</i> , Southern type (100 lbs. \$75).....	.15	.95

LARIX <i>dahurica</i> , Dahurian Larch.....	.50	4.50
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" <i>europaea</i> , European L.....	.25	2.00
" <i>laricina</i> , American L. ....	2.50	20.00
" <i>leptolepis</i> (1930) Japanese L. ....	.45	4.50
" <i>occidentalis</i> , Western L. ....	.50	4.50

LIBOCEDRUS <i>decurrents</i> , California Incense-Cedar.....	.35	3.20
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**PICEA ajanensis**, see jezoensis.

" <i>canadensis</i> ( <i>alba</i> ), White Spruce.....	.40	3.60
" <i>canadensis</i> <i>albertiana</i> , Black Hills Spruce.....	.70	6.50
" <i>canadensis</i> <i>albertiana</i> , Western S.....	.65	6.00
" <i>engelmanni</i> , Engelmann Spruce.....	.50	4.80
" <i>excelsa</i> , Norway Spruce (ask quantity prices).....	.20	1.80
" <i>glehni</i> , Sakhalin S.....	.85	8.00
" <i>jezoensis</i> , Yeddo S.....	.85	8.20
" <i>omorika</i> , Serbian S.....	5.00	42.50
" <i>orientalis</i> , Oriental S. (write us)		
" <i>pungens</i> , Colorado S. (North Colo.).....	.50	4.50
" <i>pungens argentea</i> , Handpicked.....	1.00	9.00
" <i>pungens glauca</i> , Colorado Blue S.....	.75	7.00
" <i>sitchensis</i> ( <i>menziesi</i> ) Sitka S.....	.75	7.00

PINUS <i>attenuata</i> ( <i>tuberculata</i> ) Knobcone Pine.....	.65	6.25
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" <i>aristata</i> , Bristlecone P. ....	.30	2.80
" <i>austriaca</i> , see P. <i>nigra</i> .....		
" <i>banksiana</i> , Jack Pine.....	.45	4.00
" <i>bungeana</i> , Lacebark P.....	.40	3.50
" <i>canariensis</i> , Canary P.....	.30	2.80
" <i>caribaea</i> , Slash P.....	.55	5.00
" <i>cembra</i> , Swiss Stone P.....	.20	1.80
" <i>contorta</i> , Shore P.....	.85	8.00
" <i>coulteri</i> , Coulter P.....	.55	5.00
" <i>densiflora</i> , Japanese Red P.....	.25	2.40
" <i>echinata</i> ( <i>mitis</i> ), Shortleaf P.....	.80	7.00
" <i>edulis</i> , Nut P. (Pinyon).....	.20	1.75
" <i>excelsa</i> , Himalayan P.....	.40	3.60
" <i>flexilis</i> , Limber P.....	.35	3.20
" <i>halepensis</i> , Aleppo P.....	.20	1.80
" <i>insignis</i> , see P. <i>radiata</i> .....		
" <i>jeffreyi</i> , Jeffrey P.....	.35	3.00
" <i>koraiensis</i> , Korean P.....	.25	2.20
" <i>lambertiana</i> , Sugar P.....	.25	2.10
" <i>laricio</i> , Corsican P.....	.35	3.00
" <i>larico austriaca</i> , see P. <i>nigra</i> .....		
" <i>leucodermis</i> , Graybark P.....	.65	6.25
" <i>maritima</i> , see P. <i>pinaster</i> .....		
" <i>massoniana</i> , see P. <i>densiflora</i> .....		
" <i>montana</i> , Swiss Mountain Pine.....	.40	3.50
" <i>montana mughus</i> , Mugho P. (many-branched).....	.35	3.20
" <i>monticola</i> , Western White P.....	.75	6.25
" <i>muricata</i> , Bishop P.....	.75	7.00
" <i>murrayana</i> , Lodgepole P.....	.75	7.00
" <i>nigra</i> , Austrian P.....	.30	2.60
" <i>palustris</i> , Longleaf P.....	.25	2.40
" <i>parviflora</i> , Japanese White P.....	.40	3.80
" <i>patula</i> , Jelecote P. (Old Mexico).....	.85	8.00
" <i>peuce</i> , Macedonian P.....	.45	4.00
" <i>pinaster</i> ( <i>maritima</i> ), Cluster P.....	.15	1.20
" <i>pinea</i> , Italian Stone P.....	.15	1.20
" <i>ponderosa</i> , Western Yellow P. Colo.....	.25	2.00
" <i>radiata</i> ( <i>insignis</i> ), Monterey P.....	.45	4.00
" <i>resinosa</i> , Red P.....	1.25	11.00
" <i>rigida</i> , Pitch P.....	.85	8.00
" <i>sabiniana</i> , Digger P.....	.20	1.60
" <i>serotina</i> , Pond P.....	1.40	12.00
" <i>strobis</i> , White P.....	.40	3.60
" <i>sylvestris</i> , Scotch P.....	.30	2.60
" <i>sylvestris rigensis</i> , Riga P.....	.55	5.00
" <i>taeda</i> , Loblolly Pine, Oldfield P.....	.65	6.00
" <i>tanyosho globosa</i> .....	2.00	18.00

**OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.**

PINUS—Contd.	OZ.	LB.
“ teocote, (Old Mexico).....	.120	
“ thunbergi, Japanese Black P.....	.25	2.00
“ torreyana, Torrey P.....	.55	5.00
“ tuberculata, see P. attenuata.		
PODOCARPUS macrophylla Yew Podocarpus.....	.25	2.00
“ sinensis, Chinese P.....	.25	2.00
PSEUDOLARIX kaempferi (amabilis) Goldenlarch.....	.60	5.50
PSEUDOTSUGA douglasii, gray, Colorado.....	.60	5.50
“ douglasii, green, Calif.....	.85	8.00
“ douglasii, green West Wash-Oregon.....	.85	8.00
“ douglasii, green, Shuswap strain .....	.75	7.50
SCIADOPITYS verticillata, Umbrella Pine.....	.70	6.50
SEQUOIA gigantea, Giant S. Big Tree.....	1.00	9.00
“ sempervirens, Redwood.....	.50	4.50
TAXODIUM distichum, Common Baldcypress.....	.15	1.20
“ mucronatum, Montezuma B.....	.85	8.00
TAXUS baccata, English Yew.....	.30	2.80
“ baccata pyramidalis, Irish Yew.....	.35	3.40
“ cuspidata, Japanese Y.....	.35	3.00
THUJA gigantea, see Th. plicata		
“ occidentalis, American Arborvitae.....	.40	3.80
“ orientalis, Oriental Av.....	.20	1.60
“ orientalis aurea, Golden O. Av.....	.30	2.80
“ orientalis, aurea nana, Berckmans Av.....	.60	5.50
“ orientalis aurea conspicua Goldspire.....	.60	5.50
“ orientalis bonita, Bonita, Av.....	.50	4.50
“ orientalis compacta, Compact Av.....	.30	2.80
“ orientalis pyramidalis, Pyramidal O. Av.....	.25	2.00
“ plicata, Giant Av.....	.70	6.50
THUJOPSIS dolabrata, False-Arborvitae.....	.55	5.00
TORREYA californica, California Nutmeg.....	.35	3.20
“ nucifera, Japanese Nutmeg.....	.25	2.00
TSUGA canadensis, Canada Hemlock.....	.85	8.00
“ caroliniana, Caroliana H.....	1.10	9.50
“ sieboldi, Siebold H.....	.70	6.80
WELLINGTONIA see Sequoia.		

**IMPORTANT**—We exercise every care to send out tree seeds true to name. We cannot extend this guarantee to the result from sowing seeds of such varieties of conifers as “aurea, compacta, glauca, pendula, pyramidalis, violacea, etc.” Our collectors are careful in gathering the seeds from trees showing the peculiarities of the variety but the seedlings will often revert to the mother form and as we have no way of testing the seeds as to their producing true to variety, we send them out without any warranty that they will come true any given percentage to variety.

## Trees and Shrubs

Half ounce, quarter pound, 25 lbs. at ounce, pound and hundred pound rates, respectively. No seeds invoiced for less than 15 cents. No invoice for less than 25 cents. Prices for larger quantities will be quoted by letter upon request.

We are using the following abbreviations:

“e” means evergreen, “d” means deciduous.

“t” means tree, “s” means shrub.

“v” means vine or climber.

“db” means seed in natural hull.

“c” means clean seed.

Example: “et” stands for evergreen tree.

	OZ.	LB.
dt ACACIA armata, Kangaroo Thorn.....	.70	6.50
dt “ baileyana, Cootamundra Wattle.....	.55	5.00
dt “ cyanophylla, Blueleaf A.....	.45	4.00
dt “ dealbata, Silver Wattle.....	.30	2.50
dt “ farnesiana, Sweet Acacia.....	.35	3.00
dt “ melanoxylon, Blackwood A.....	.50	4.50
dt ACANTHOPanax sessiliflorum .....	.60	5.50
dt “ spinosum .....	.40	3.50
dt ACER campestre, Hedge Maple (Spring 1932).....	.15	1.00
dt “ circinatum, Vine M.....	.35	3.00
dt “ dasycarpum, Silved M. (May 1932) Order early.....		
dt “ ginnala, Amur M.....	.25	2.30

**OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.**

**ACER—Contd.**

		<b>OZ.</b>	<b>LB.</b>
dt " <i>japonicum</i> , Fullmoon M.....		.30	2.80
dt " <i>macrophyllum</i> , Oregon M.....		.15	1.40
dt " <i>mono</i> , Small-leaf Chinese M.....		.25	<b>2.00</b>
dt " <i>negundo</i> , Boxelder.....		.15	.60
dt " <i>palmatum (polymorphum)</i> , Japanese M. Large seeded		.40	3.50
dt " <i>palmatum (polymorphum)</i> , small seeded.....		.50	4.80
dt " <i>palmatum atropurpureum</i> , Bloodleaf M.....		1.20	10.00
dt " <i>palmatum atropurpureum</i> , 60% true.....		1.80	15.00
dt " <i>pennsylvanicum (striatum)</i> , Striped M.....		.30	2.50
dt " <i>platanoides</i> , Norway M.....		.15	.90
dt " <i>polymorphum</i> see <i>A. palmatum</i> .			
dt " <i>pseudoplatanus</i> , Sycamore M.....		.15	1.00
dt " <i>rubrum</i> , Red M. (May 1932) Order early			
dt " <i>saccharum</i> , Sugar M.....		.15	1.00
dt " <i>spicatum</i> , Mountain M.....		.30	2.80
dv <i>ACTINIDIA polygama</i> , Silvervine .....	c	.80	7.50
dt <i>ADENANTHERA pavonina</i> , Red Sandalwood .....	c	.40	4.00
dt <i>AESCRULUS californica</i> , California Buckeye.....		.15	.85
dt " <i>glabra</i> , Ohio B.....		.15	.50
dt " <i>hippocastanum</i> , Horsechestnut .....		.15	.50
dt " <i>hippocastanum rubicunda</i> , Red H.....		.15	.80
dt " <i>octandra (flava)</i> Yellow B.....		.15	.60
dt <i>AILANTHUS glandulosa</i> , Tree-of-Heaven.....		.15	1.20
dv <i>AKEBIA lobata</i> , Threeleaf A.....		.35	3.00
dv " <i>quinata</i> , Fiveleaf A.....		.30	2.80
dt <i>ALBIZZIA julibrissin</i> , Silktree.....		.20	1.60
dt " <i>lebbeck</i> , Lebbek.....		.35	3.20
dt " <i>lophantha (Acacia 1.)</i> Plume Acacia.....		.25	2.00
dt <i>ALEURITES cordata</i> , Kiri-Oil tree.....		.30	2.50
dt " <i>fordi</i> , Tung-Oil tree (ask for quantity prices) .....		.15	.70
dt " <i>moluccana</i> , Candlenut .....		.25	2.00
dt <i>ALNUS glutinosa</i> , European A.....		.15	1.25
dt " <i>incana</i> , Speckled A.....		.20	1.60
ALTHAEA, see Hibiscus.			
ds <i>AMELANCHIER alnifolia</i> , Saskatoon.....		.35	3.00
ds " <i>canadensis (botryapium)</i> , Downy Shadblow.....	db	.40	3.60
ds " <i>laevis</i> , Alleghany S.....	db	.40	3.60
ds <i>AMORPHA fruticosa</i> , Indigobush.....		.15	1.10
dv <i>AMPELOPSIS quinquefolia</i> , Va. Creeper.....	db	.20	1.80
dv " <i>tricuspidata (veitchii)</i> , Boston Ivy.....	db	.15	1.20
dv " <i>tricuspidata imported</i> .....	c	.25	2.40
dt <i>AMYGDALUS communis</i> , Almond.....		.15	.80
dt " <i>davidiana</i> , Chinese Wild Peach (stock) .....		.15	1.20
dt " <i>persica</i> , Natural Peach see Fruit seeds.....		.15	.80
ANDROMEDA, see Leucothoe, Oxydendrum, Pieris.			
ds <i>ARALIA cordata</i> , Udo .....		.40	3.80
ds " <i>spinosa</i> , Devils Walking-stick .....		.30	2.80
ARBUTUS menziesi, Madrone.....		.30	2.60
dt " <i>unedo</i> , Strawberry-tree .....		.25	2.40
es <i>ARDISIA crenulata</i> , Coral Ardisia.....		.35	3.20
es " <i>japonica</i> , Japanese A.....		.35	3.20
dv <i>ARISTOLOCHIA siphon</i> , Dutchman's Pipe.....		.55	5.00
dv " <i>tomentosa</i> , Pipewine.....		.35	3.00
ARONIA, Chokeberry, see also Sorbus			
ds " <i>arbutifolia</i> , Red Chokeberry.....		.15	1.10
ds " <i>melanocarpa</i> , Black Chokeberry.....		.20	1.80
dt <i>ASIMINA triloba</i> , Papaw .....	c	.15	1.40
es <i>AUCUBA japonica</i> , Japanese (green) A.....		.25	2.25
es " <i>japonica aureo-maculata</i> , Variegated A.....		.55	5.00
AZALEA, Azalea, see also Rhododendron.			
ds " <i>arborescens</i> , Sweet A.....	db	.45	4.50
ds " <i>calendulacea (lutea)</i> , Flame A.....	db	.40	3.80
		$\frac{1}{4}$ oz.	
es " <i>hinodegiri</i> , Hinodegiri A.....	c	1.25	4.00
es " <i>indica</i> , Indica Azalea.....		6.00	
es " <i>japonica</i> , Japanese A.....	c	1.50	5.00
ds " <i>kaempferi</i> , Torch A.....	c	1.20	3.60
ds " <i>kurume</i> , Kurume A.....	c	1.20	3.50
ds " <i>mollis</i> , Chinese A.....		.40	1.20
ds " <i>nudiflora</i> , Pinxterflower.....			.40
ds " <i>occidentalis</i> , Western A.....		.90	3.00
ds " <i>poukhanensis</i> , Korean A.....		1.25	4.00
ds " <i>schlippenbachii</i> , Royal A.....		.90	2.80
ds " <i>vaseyi</i> , Pinkshell A.....	db	.65	7.50

OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.

		OZ.	LB.
es BAUHINIA monandra, St. Thomas tree.....		1.50	
es " purpurea, Purple B.....		1.00	
ds BENZOIN aestivale (Laurus benzoin), Spicebush.....		.15	1.20
BERBERIS, see also Mahonia.			
es " darwini, Darwin B.....		.55	5.00
ds " thunbergi, Thunberg B. (domestic).....	c	.50	4.80
ds " thunbergi.....	db	.25	2.00
dt BETULA alba, European White Birch.....		.15	1.00
dt " lenta, Sweet B.....		.25	2.00
dt " lutea (excelsa), Yellow B.....		.25	2.00
dt " nigra, River B. (Spring 1932).....		.25	2.40
dt " papyrifera, Canoe B.....		.25	2.10
dt " populifolia, Gray B.....		.20	1.75
dv BIGNONIA radicans, Trumpet creeper.....		.30	2.60
et BUXUS japonica (microphylla) Japanese Box.....		.65	6.00
et " sempervirens, Common B.....		.25	2.20
ds CALICARPA americana, American Beautyberry.....		.20	1.80
ds " japonica, Japanese B.....	c	1.20	9.00
ds CALYCANTHUS floridus (laevigatus) Sweetshrub .....		.20	1.60
ds " occidentalis, Western S.....		.35	3.00
ds " praecox, see under Meratia.			
es CAMELLIA japonica, Common C.....		.20	1.60
es " sasanqua, Sasanqua C.....		.20	1.80
es " sinensis, Chinese C. ....		.30	2.50
" theifera, see Thea sinensis.			
CAMPHORA, see Cinnamomum.			
ds CARAGANA arborescens, Siberian Pea-tree.....		.20	1.60
es CARPENTERIA californica, Carpenteria.....	1/4-oz. \$1.60	4.60	....
dt CARPINUS betulus, European Hornbeam.....		.15	1.00
dt " caroliniana, American Hornbeam.....		.15	1.40
CARYA, see Hicoria.			
dt CASTANEA dentata, American Chestnut (Oct-Nov.only)		.15	.70
dt " japonica, Japanese Ch.....		.15	1.00
dt " mollissima, Hairy Chinese Ch.....		.15	1.00
dt CASUARINA cunninghamiana, Cunningham Beefwood		.75	7.00
dt " equisetifolia, Australian Pine.....		.75	7.00
dt " stricta (quadrivalvis), Longwood Beefwood.....		1.80	
dt CATALPA speciosa, True Wild Western C.....		.20	1.60
dt " speciosa, cultivated Catalpa .....		.15	1.10
ds CEANOTHUS americanus, Jersey-tea.....	dt	.15	.90
dt CEDRELA sinensis, Chinese C.....		.70	6.50
dv CELASTRUS orbiculatus, Oriental Bittersweet.....	c	.40	3.50
dv " scandens, American B.....		.25	2.40
dt CELTIS mississippiensis, Sugarberry.....		.15	1.00
dt " occidentalis, Hackberry.....		.25	2.25
dt " tourneforti, Oriental H.....		.15	1.00
ds CEPHALANTHUS occidentalis, Common Buttonbush...		.15	.90
et CERATONIA siliqua, Carob.....		.35	3.20
dt CERCIS canadensis, American Redbud.....		.20	1.50
dt " occidentalis, California R.....		.30	2.80
dt " siliquastrum, Judas-tree.....		.20	1.80
dt " sinensis, Chinese H.....		.40	4.50
ds CHIONANTHUS virginica, White Fringe.....		.30	2.60
et CINNAMOMUM camphora, Camphor-tree.....		.15	1.00
et CITRUS trifoliata, Hardy Orange.....		.25	2.00
dt CLADRASTIS lutea (tinctoria), Yellow-wood.....		.30	2.80
dv CLEMATIS paniculata, Sweet Autumn C.....		.35	3.50
ds CLERODENDRON trichotomum, Harlequin Glorybower		.35	3.20
ds CLETHRA alnifolia, Summersweet.....		.15	1.00
dv COBaea scandens, Purplebell Cobaea.....	1/4-Oz. \$1.25	4.00	....
ds COLUTEA arborescens, Common Bladder-Senna.....		.15	1.40
CORDYLINE (Dracaena), see under Palm seeds.			
ds CORNUS alba, Tatarian Dogwood.....		.35	3.20
ds " alternifolia, Pagoda D.....		.25	2.00
ds " amomum (sericea), Silky D.....		.15	1.20
" candidissima, see paniculata.			
dt " florida, Flowering D. (\$40 for 100 lbs.).....		.15	.60
ds " kousa, Kousa D.....		.40	3.20
dt " mas, Cornelian-Cherry.....		.15	1.10
ds " nuttalli, Pacific D.....		.15	1.40
ds " paniculata, Gray D.....		.15	1.40
ds " sanguinea, Bloodtwig.....		.20	1.75
ds " stolonifera, Red-Osier D.....		.15	1.40

**OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.**

		OZ.	LB.
dt	CORONILLA emerus, Scorpion-Senna .....	.35	3.20
ds	CORYLUS americana, American Hazelnut.....	.15	.75
ds	" avellana, Filbert .....	.15	.90
ds	COTONEASTER acutifolia, Pekin C.....	.20	1.70
ds	" divaricata, Spreading C.....	.40	3.50
ds	" francheti, Franchet C. ....	.40	3.50
es	" horizontalis, Rock C.....	.50	4.50
es	" microphylla, Rockspray.....	.55	5.00
ds	" pannosa, Silverleaf C. ....	.40	3.50
ds	CRATAEGUS arnoldiana, Arnold H.....	.15	1.25
dt	" coccinea, Thicket H. ....	.15	.90
dt	" cordata, Washington H.....	.15	1.25
ds	" crusgalli, Cockspur H.....	.15	1.00
ds	" mollis, Downy H.....	.15	1.25
ds	" monogyna, English H. ....	.15	1.40
ds	" oxyacantha, English H. ....	.15	1.40
	" pyracantha, see Pyracantha coccinea.		
ds	CYDONIA japonica, Flowering Quince, domestic.....	.60	5.00
ds	" japonica, imported .....	.45	4.00
ds	" oblonga (vulgaris), Common Q.....	.45	4.00
ds	CYRILLA racemiflora, Leatherwood.....	.20	1.50
	CYTISUS, see also Laburnum.		
ds	" scoparius, Scotch Broom.....	.20	1.50
ds	DAPHNE mezereum, February Daphne.....	.70	6.00
dt	DIOSPYROS kaki, Kaki Persimmon.....	.25	2.00
dt	" lotus, Dateplum.....	.20	1.50
dt	" virginiana, Common P.....	.15	.65
	DRACAENA, see Palm seeds.		
ds	EDGEWORTHIA chrysanthia, Golden Papertree.....	.40	3.50
ds	ELAEAGNUS angustifolia, Russian-Olive.....	.15	.90
ds	" argentea, Silverberry.....	.20	1.80
ds	" longipes (edulis) Cherry E.....	.30	2.60
ds	" umbellata, Autumn E. (domestic) .....	.25	2.40
dt	ENKIANTHUS campanulatus, Redvein E.....	1.00	9.00
et	ERIOBOTRYA japonica, Loquat.....	.40	3.50
et	EUCALYPTUS calophylla, Port Gregory Gum.....	1.50	13.00
et	" corynocalyx, Sugar Gum.....	1.00	9.00
et	" globulus, Blue Gum.....	.90	8.00
et	" leucoxylon, White Ironbark .....	1.00	9.00
et	" punctata, Leatherjack.....	.90	8.00
et	" resinifera, Mahogany Gum.....	1.00	8.50
et	" robusta, Brown Gum.....	.50	4.50
et	" rostrata, Greek Gum.....	.50	4.50
et	" rufa, Desert Gum .....	.90	8.00
et	" tereticornis, Slated Gum.....	.90	8.00
et	" viminalis, Manna Gum.....	.85	7.50
es	EUGENIA uniflora, Surinam Cherry .....	1.80	
es	EUONYMUS alatus, Winged E.....	.35	3.00
ds	" americanus, Brook E.....	.20	1.75
ds	" atropurpureus, Wahoo.....	.20	1.80
ds	" europaeus, European Burningbush.....	.25	2.00
es	" japonicus, Evergreen E.....	.35	3.20
ev	" radicans, Wintercreeper.....	.40	3.60
ds	EXOCHORDA grandiflora, Common Pearlbush.....	.35	3.00
dt	FAGUS americana, American Beech.....	.15	1.40
dt	" sylvatica, European B.....	.15	1.40
dt	" sylvatica purpurea, Purple B.....	.35	3.00
	FICUS see under Tropical Seeds.		
dt	FRAXINUS americana, White Ash.....	.15	1.20
dt	" excelsior, European Ash.....	.15	1.20
dt	" lanceolata (viridis), Green Ash.....	.15	.70
dt	" ornus, Flowering Ash.....	.15	1.00
dt	" velutina (arizonica) Arizona Ash.....	.15	1.40
ds	FREMONTIA californica, Fremontia.....	1/4-Oz. \$1.00	3.50
es	GARDENIA florida, Cape-Jasmine.....	.50	4.60
es	GAULTHERIA procumbens, Wintergreen.....	.50	4.80
	GENISTA, see under Cytisus.		
	GINKGO, see under Conifers.		
dt	GLEDTSIA triacanthos, Honeylocust.....	.15	1.00
dt	" triacanthos inermis, Thornless H.....	.20	1.70
et	GORDONIA lasianthus, Loblolly-Bay .....	.25	2.00
et	GREVILLEA robusta, Silk-Oak.....	1.00	9.00
dt	GYMNOCLADUS dioica, Kentucky Coffeetree.....	.15	1.30
dt	HALESIA tetrapeta, Great Silverbell.....	.15	1.25

OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.

		OZ.	LB.
ds	HAMAMELIS japonica, Japanese Witch-hazel.....	1.20	10.00
ds	" virginiana, Common W.....	.20	1.60
es	HESPEROYUCCA whipplei (Yucca wh.) Chaparal Yucca.....	.55	5.00
	HETEROMELES, see under Photinia.		
ds	HIBISCUS syriacus, Shrub-Althea .....	c .15	1.20
		10	100
		Lb.	Lbs.
dt	HICORIA alba (Carya tomentosa) Mockernut.....	.35	2.40
dt	" cordiformis (C. amara) Bitternut.....	.35	2.40
dt	" glabra (C. porcina) Pignut.....	.35	2.40
dt	" laciniosa (C. sulcata) Shellbark H.....	.40	2.50
dt	" minima, see H. cordiformis.		17.00
dt	" ovata (C. alba) Shagbark H.....	.35	2.40
dt	" pecan (C. olivaeformis) Pecan.....	.65	6.00
		OZ.	LB.
ds	HIPPOPHAE rhamnoides, Common Sea-Buckthorn.....	.30	2.60
dt	HOVENIA dulcis, Raisintree.....	.40	3.50
ds	HYDRANGEA paniculata, Panicle H.....	c .45	4.00
dv	" petiolaris (scandens) Climbing H.....	1.00	8.50
et	ILEX aquifolium, English Holly.....	.25	2.40
es	" cassine (dahoon), Dahoon.....	.20	1.70
es	" cornuta, Chinese H.....	c .45	4.20
es	" crenata, Japanese H.....	c .35	3.00
es	" glabra, Inkberry.....	db .15	.80
es	" integra, Japanese H.....	c .35	3.00
et	" opaca, American H.....	dh .15	.70
ds	" sieboldi, Siebold H.....	c 1.00	8.50
ds	" verticillata, Common Winterberry.....	db .15	1.00
es	" vomitoria, Yawpon.....	db .20	1.70
et	ILLICIUM anisatum, Japanese Anisetree.....	.40	3.50
dt	JACARANDA ovalifolia (mimosaeifolia) Green-Ebony db	.85	
		Lb.	Lbs.
dt	JUGLANS californica, California Walnut.....	.60	5.50
dt	" cinerea, Butternut.....	.20	1.80
"	cordiformis, see sieboldiana cordiformis.		16.00
dt	" hindsii, Hinds W.....	.75	7.00
dt	" nigra, Black W.....	.20	1.60
dt	" regia (China) Persian English W.....	1.20	10.50
dt	" sieboldiana, Japanese W.....	.65	6.25
dt	" sieboldiana cordiformis, Flat W.....	.60	5.75
		OZ.	LB.
es	KALMIA latifolia, Mountain-Laurel .....	db .15	1.20
dt	KOELREUTERIA paniculata, Goldenrain-tree.....	.15	1.35
dt	LABURNUM alpinum, Scotch L.....	.25	2.00
ds	LABURNUM vulgare, Goldenchain.....	.15	1.40
ds	LAGERSTROEMIA indica, Common Crapemyrtle in colors .....	db .30	2.60
et	LAUROCERASUS caroliniana, Cherry-laurel.....	.15	1.00
et	" lusitanica, Portugal-Laurel .....	.20	1.60
et	" officinalis (P. laurocerasus), English C.-L.....	.20	1.60
	LAURUS, see also Benzoin, Laurocerasus.		
et	" nobilis, Grecian Laurel.....	.20	1.80
	LAURUSTINUS, see under Viburnum tinus.		
es	LEUCOTHOE catesbaei, Drooping Laurel.....	db .20	1.75
es	LIGUSTRUM amurense, Amur Privet South.....	ask .15	.70
ds	" ibota, Ibota P.....	for .15	.80
es	" japonicum, Japanese P.....	quantity prices .15	.90
es	" lucidum, Glossy P.....	.15	1.10
es	" nepalense, Nepal P.....	.20	1.60
	LINDERA, see Benzoin.		
dt	LIQUIDAMBAR styraciflua, Sweetgum.....	.30	2.80
dt	LIRIODENDRON tulipifera, Yellow Poplar Tuliptree.....	.15	.90
ds	LONICERA tatarica, Tatarian Honeysuckle.....	c .50	4.60
ds	" xylosteum, European Fly H.....	.45	4.00
dt	MACLURA pomifera (aurantiaca) Osage-Orange.....	.20	1.60
dt	MAGNOLIA acuminata, Cucumbertree.....	.25	2.00
et	" glauca, Sweetbay.....	.20	1.75
et	" grandiflora, Southern M.....	.15	1.40
dt	" hypoleuca, Silver M.....	c .45	4.20
dt	" kobus, Kobus M.....	c .40	3.50
dt	" soulangiana, Saucer M.....	c 1.00	8.00
dt	" tripetala, Umbrella M.....	.25	2.00

**OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.**

		OZ.	LB.
es MAHONIA aquifolium, Oregon Grape (domestic).....db		.20	1.80
es " aquifolium (imported) .....	c	.30	2.80
es " bealei (japonica) Leatherleaf H.....c		.75	6.50
es " nervosa, Longleaf H.....		.60	5.50
MALUS, see under Fruit Seeds.			
dt MELIA azedarach, Chinaberry.....		.15	.50
dt " azedarach umbraculiformis, Texas Umbrellatree.....		.15	.60
ds MERATIA praecox (Calycanthus p.) Wintersweet.....		.45	4.00
es MICHELIA (Magnolia) fuscata, Banana-shrub.....		.75	
dt MORUS alba, White Mulberry.....		.35	3.00
dt " alba tatarica, Russian M.....		.30	2.80
ds MYRICA carolinensis, Northern Bayberry.....		.20	1.80
ds " cerifera, Southern B.....		.20	1.80
et MYRTUS communis, true Myrtle .....	db	.20	1.50
dt NANDINA domestica, domestic seed.....db		.30	2.50
dt " domestica, imported seed.....c		.40	3.50
NEGUNDO, see Acer negundo.			
dt NYSSA aquatica, Big Tupelo.....		.15	1.40
dt " sylvatica, (multiflora) Tupelo Blackgum.....		.15	1.40
ORANGE, see under Citrus.			
dt OSTRYTA virginiana, American Hophornbeam.....		.35	3.00
ds OXYDENDRUM arboreum, Sourwood.....db		.15	.85
ds PAEONIA suffruticosa (moutan) Tree P.....		.80	7.00
dt PAULOWNIA tomentosa (imperialis), Princesstree.....		.25	2.25
dt PHELLODENDRON amurense, Amur Corktree.....		.45	4.20
dt " lavallei, Lavalle Cork Tree.....		.35	3.00
ds PHILADELPHUS inodorus, Scentless Mockorange.....		.40	3.80
dt PHYLLOCARPUS septentrionalis, Monkeyflower tree.....		.70	6.50
et PHOTINIA arbutifolia (Heteromeles), Christmasberry.....		.25	2.00
es " glabra, Japanese P.....c		1.30	11.00
es " serrulata, Low P.....c		.45	4.00
es " villosa, Hairy P.....c		.40	3.50
es PIERIS floribunda, Mountain Andromeda.....c			
es " floribunda, Mountain Andromeda.....db		.25	2.25
es " japonica, Japanese Andromeda.....c		1.00	8.50
ds " mariana, Staggerbush.....db		.20	1.80
dt PISTACIA atlantica, Mount Atlas Pistache.....		.20	1.60
dt " chinensis, Chinese Pistache.....		.20	1.80
es PITTOSPORUM tobira, Tobira.....c		.40	3.50
dt PLATANUS occidentalis, American Planetree.....		.15	.80
dt " orientalis, European P.....		.15	1.10
dt POINCIANA regia, Royal Poinciana.....		.30	2.80
PONCIRUS, see Citrus.			
dt POPULUS deltoides, Southern Cottonwood.....		.15	1.40
dt PRUNUS americana, American Plum.....		.15	1.40
dt " avium, Mazzard Cherry, See Fruit Seeds.....c		.15	1.00
" caroliniana, see Lauracerasus c.			
" davidianna, see Amygdalus d.			
et " ilicifolia, Hollywood Cherry.....		.20	1.50
" laurocerasus, see Laurocerasus officinalis.			
et " lyoni (integrifolia), Catalina Cherry.....		.20	1.60
dt " mahaleb, Mahaleb Cherry, see Fruit Seeds.....		.20	1.50
dt " myrabolana, Myrabolan Plum, see Fruit seeds.....		.15	1.20
dt " serotina, Black Cherry.....		.15	.90
dt " virginiana, Common Chokeberry.....		.15	.90
dt PTELEA trifoliata, Common Hoptree.....		.15	1.20
dv PUERARIA thunbergiana, Kudzu-Bean.....		.25	2.25
es PYRACANTHA coccinea, Scarlet Firethorn.....		.15	1.25
es " coccinea lalandi, Laland F.....		.20	1.80
es " coccinea yunnanensis, Yunnan F.....		.25	2.00
PYRUS, see Aronia, Cydonia, Sorbus, Fruit Seeds.			
		1 lb	10 lbs
			100 lbs
et QUERCUS acuta, Japanese Evergreen Oak.....		1.60	14.00
et " agrifolia, California Live Oak.....		1.00	9.00
dt " alba, White O. (November only).....		.40	3.00
dt " coccinea, Scarlet O.....		.50	4.20
dt " falcata (digitata) Southern Red O.....		.50	4.20
dt " laurifolia, Laurel O.....		.50	4.20
dt " lyrata, Overcup O.....		.50	4.20
dt " macrocarpa, Overcup Oak .....		.50	4.20
et " nigra (aquatica), Water O.....		.50	4.20
dt " obtusiloba, see Qu. stellata.			
dt " palustris, Pin O.....		.50	4.40
dt " phellos, Willow O.....		.50	4.20

**OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.**

QUERCUS (Cont'd)		1 lb	10 lbs	100 lbs
dt	" <i>prinus</i> , Chestnut O. (November only).....	.50	4.20	22.00
dt	" <i>rubra</i> , Common Red O.....	.40	3.80	19.00
dt	" <i>stellata</i> , Post O.....	.50	4.20	23.00
dt	" <i>velutina</i> ( <i>tinctoria</i> ), Black O.....	.50	4.20	22.00
et	" <i>virginiana</i> , Live O.....	.70	6.00	48.00
		OZ.	LB.	
ds	RHAMNUS <i>caroliniana</i> , Carolina Buckthorn.....	.20	1.60	
ds	" <i>cathartica</i> , Common B.....	.25	2.00	
ds	" <i>frangula</i> , Glossy B.....	.20	1.80	
dt	" <i>purshiana</i> , Cascara B.....	.35	3.20	
es	RAPHIOLEPIS <i>indica</i> , India, India-Hawthorn.....	.25	2.40	
es	" <i>umbellata</i> ( <i>japonica</i> ) Yeddo H.....	.40	3.50	
es	RHODODENDRON <i>californicum</i> , Coast Rh.....	c 2.20		
es	" <i>carolinianum</i> , Carolina Rh.....	db .40	3.50	
es	" <i>carolinianum</i> .....	c 1.40	11.50	
es	" <i>catawbiense</i> , Catawba Rh.....	db .40	3.50	
es	" <i>catawbiense</i> .....	c 1.00	9.00	
es	" <i>catawbiense compactum</i> .....	db .40	3.80	
es	" <i>catawbiense compactum</i> .....	c 1.00	9.00	
es	" <i>keiskei</i> , Keiske Rh.....	1/4-oz. \$2.50	7.50	66.00
es	" <i>maximum</i> , Rosebay Rh.....	db .35	3.50	
es	" <i>maximum</i> .....	c .80	7.50	
es	" <i>metternichii</i> , Leatherleaf Rh.....	c 2.25	20.00	
es	" <i>ponticum</i> , Pontic R.....	c 2.25	20.00	
ds	RHODOTYPOS <i>kerrioides</i> , Jetbead.....	.30	2.60	
ds	RHUS <i>canadensis</i> ( <i>aromatica</i> ) Fragrant Sumach.....	.15	1.40	
ds	" <i>copallina</i> , Shining S.....	.15	.90	
dt	" <i>cotinus</i> , Common Smoketree, Purple Fringe.....	c .35	3.00	
ds	" <i>glabra</i> , Smooth S.....	db .15	.90	
ds	" <i>typhina</i> , Staghorn S.....	db .15	1.00	
ds	ROMNEYA <i>coulteri</i> , Canyon-Poppy .....	2.00	18.00	
ds	ROSA <i>blanda</i> , Meadow Rose.....	db .50	1.40	
ds	" <i>canina</i> , Dogbrier .....	c .15	.80	
ds	" <i>carolina</i> , see R. <i>palustris</i> .....			
ds	" <i>humilis</i> , Pasture R.....	db .20	1.50	
ds	" <i>lucida</i> , Virginia R.....	db .20	1.50	
ds	" <i>multiflora</i> , Japanese R. (stocks) .....	.25	2.00	
ds	" <i>nitida</i> , Bristly R.....	db .20	1.50	
ds	" <i>palustris</i> , Swamp R.....	db .20	1.50	
ds	" <i>rubiginosa</i> , Sweetbrier.....	db .25	2.20	
ds	" <i>rubrifolia</i> , Redleaf R.....	db .25	2.20	
ds	" <i>rugosa</i> , Rugosa Rose.....	db .30	2.60	
ds	" <i>rugosa</i> .....	c .25	2.00	
ds	" <i>setigera</i> , Prairie R.....	db .20	1.50	
ds	" <i>wichuraiana</i> , Wichurian R.....	.25	2.40	
SALISBURIA, see under Ginkgo (Conifers).				
ds	SAMBUCUS <i>canadensis</i> , American Elder.....	db .15	1.20	
ds	" <i>nigra</i> , European E.....	c .30	2.50	
ds	" <i>racemosa</i> , European Red E.....	db .30	2.60	
dt	SAPIUM <i>sebiferum</i> , Chinese Tallow-tree.....	.25	2.20	
dt	SASSAFRAS <i>variifolium</i> , Common S.....	.15	1.20	
dt	SCHINUS <i>molle</i> , California Peppertree.....	.20	1.60	
dt	" <i>therabinthifolium</i> , Brazilian P.....	.30	2.50	
es	SKIMMIA <i>japonica</i> , Japanese Skimmia .....	c .55	5.00	
dt	SOPHORA <i>japonica</i> , Chinese Scholartree.....	.20	1.50	
dt	SORBUS <i>americana</i> , American Mountain-Ash.....	db .15	1.00	
dt	" <i>arbutifolia</i> , see Aronia.....			
dt	" <i>aucuparia</i> , European M.....	db .15	1.40	
SPARTIUM, see also under Cytisus				
ds	" <i>juncinum</i> , Weaversbroom .....	.20	1.80	
dt	SPATHODEA <i>campanulata</i> , Fountain tree, 1/4-oz. \$1.50	4.80		
ds	" <i>pinnata</i> , European B.....	.20	1.80	
dt	STERCULIA <i>platanifolia</i> , Chinese Parasoltree.....	.25	2.00	
ds	STEWARTIA <i>pentagyna</i> , Mountain Stewartia.....	.65	6.00	
ds	" <i>pseudocamellia</i> , Japanese Ash.....	.70	6.50	
STILLINGIA, see under Sapium.				
ds	STYRAX <i>americana</i> , American Snowbell.....	.20	1.60	
ds	" <i>japonica</i> , Japanese S.....	.25	2.25	
ds	" <i>obassia</i> , Fragrant S.....	.35	3.40	
et	SWIETENIA mahogany, True Mahogany.....	.70	6.50	
ds	SYMPHORICARPOS <i>racemosus</i> , Common Snowberry....	.30	2.50	
ds	" <i>vulgaris</i> , Snowberry .....	.20	1.75	
ds	SYRINGA <i>japonica</i> , Japanese Tree Lilac.....	c 1.10	9.50	
ds	" <i>vulgaris</i> , Common L.....	db .20	1.50	
ds	" <i>vulgaris</i> .....	c .40	3.60	
ds	" <i>vulgaris alba</i> , White Flowering L.....	c .50	4.80	

OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.

		OZ.	LB.
TECOMA, see also under <i>Bignonia</i> .			
dv " stans, Florida Trumpetbush.....		3.50	
es THEA sinensis, Tea.....		.20	1.80
es " bohea, Bohea Tea.....		.25	2.25
dt TILIA americana, American Linden.....		.20	1.60
dt " cordata, Littleleaf (Winter) Linden.....		.20	1.40
dt " platyphyllus, Bigleaf (Summer) L.....		.20	1.40
dt " tomentosa, (argentea), Silver L.....		.20	1.40
dt " vulgaris, Common European L.....		.20	1.40
dt ULMUS americana, American Elm (May 1932).....		.15	1.20
dt " parvifolia, Chinese Elm.....		.35	3.00
dt " pumila, Siberian Elm, domestic (May 1932).....		.65	5.50
dt " pumila, imported (July 1932).....	c	.40	3.50
ds VIBURNUM acerifolium, Mapleleaf V.....	db	.15	1.00
ds " alnifolium, Hobblebush, (V. lantanoides).....	db	.20	1.60
ds " americanum, American Cranberrybush.....	db	.20	1.60
ds " carlesii, Fragrant V.....		.75	6.50
ds " cassinoides, Witherod.....	db	.15	1.20
ds " dentatum, Arrowwood.....	db	.15	1.20
ds " dilatatum, Linden V.....	c	.35	3.00
ds " lantana, Wayfaring-tree.....	db	.20	1.80
ds " lantana.....	c	.25	2.00
dt " lentago, Nannyberry .....		.15	1.20
dt " molle, Kentucky V.....	c	.85	8.00
ds " nudum, Smooth Witherod.....	db	.15	1.10
es " odoratissimum, Sweet V.....	c	.40	3.80
ds " opulus, European Cranberrybush.....	db	.30	2.60
ds " oxycoccos, see V. americanum.			
ds " prunifolium, Blackhaw.....		.15	1.40
ds " rhytidophyllum, Leatherleaf V.....	db	.40	3.50
dt " sieboldi, Siebold V.....		.40	3.50
es " tinus, Laurustinus .....	c	.20	1.60
ds " tomentosum, Japanese Snowball .....		.40	3.50
ds " wrightii, Wright V.....	c	.45	4.00
VIRGILIA, see Cladrastis.			
ds VITEX agnus-castus, Lilac Chaste-tree .....		.15	1.20
dv VITIS aestivalis, Summer Grape.....	c	.30	2.60
dv " berlandieri, Winter Grape .....	c	.30	2.60
dv " candicans, Mustang G.....	c	.30	2.60
dv " coignetiae, Gloryvine.....	c	.25	2.40
ds " cordifolia, Frost G.....	c	.30	2.60
dv " labrusca, Fox G.....	c	.35	3.20
dv " rotundifolia, Muscadine G.....	c	.35	3.20
dv WISTERIA frutescens magnifica, American W.....		.35	3.20
dv " multijuga, Longcluster W. blue.....		.40	3.80
dv " multijuga alba, White Longcluster W.....		.55	5.00
dv " sinensis, Blue Chinese W. ....		.20	1.70
dv " sinensis alba, White W.....		.40	3.60
es YUCCA baccata, Banana Y.....		.55	5.00
es " brevifolia, Shortleaf Y.....		.55	5.00
es " filamentosa, Common Y. Beargrass.....		.30	2.60
es " glauca (angustifolia) Soapweed Y.....		.25	2.20
es " gloriosa, Moundlily Y.....		.40	3.50
" whipplei, see Hesperoyucca			
dt ZANTHOXYLUM americanum, Common Prickly-Ash....		.35	3.00
dt ZELKOVA serrata, Sawleaf Z.....		.30	2.80
dt ZIZYPHUS jujuba, Common Jujube.....		.25	2.40

ORDER EARLY AND PREPARE THE SEEDS  
FOR SUCCESSFUL PLANTING.

OUR PAMPHLET "HOW TO MAKE TREE  
SEEDS GROW," GIVES PRACTICAL INSTRU-  
CTIONS.

IT SELLS FOR 25 CENTS BUT WE SEND IT  
FREE ON REQUEST TO OUR CUSTOMERS.

*Katzenstein's Seeds with a Reputation for Growing*

## ULMUS PUMILA

### Chinese or Siberian Elm

Tree growing from 40 to 50 feet tall with a trunk 4 to 8 feet in girth. The bark is rough and deeply corrugated. The branches are spreading and ascending, forming a bushy crown. Under cultivation it grows rapidly and makes a neat shapely tree. Leaves ovate to ovate-lanceolate 3 to 12 cm long, acute at the apex, nearly equal at the base, thin, dark-green above, pubescent when young, underneath, regularly and simply or doubly toothed. Flowers short-stalked, in crowded clusters, 4 to 5 parted with yellow anthers, appearing in spring. Fruit obovoid, notched deeply at the apex; nutlet central, reaching close to the base of the notch. Fruit ripens often soon after leaves are open.

#### NOTES:

This species is commonly used by the Chinese in the alluvial plains, for village trees, and for planting between fields, particularly along irrigation ditches. The trees grow rapidly and attain diameters at breast-height of 20 inches. The wood is much used for furniture, some for building construction and for the construction of cart-frames and cart-beds. It is used as a grave-tree planted in groves and attaining quite good form in altitudes of 4,500 feet. Apparently few other trees thrive there. It is also noted as planted along dry roadsides where it is cut back almost every year for fuel. It then takes on a characteristic shrubby form which may confuse its identity with the tree. It will stand quite dry conditions but requires a deep pervious soil for a good development of its roots.

Domestic Seed (ready May-June) from Northwest—  
65c per oz., \$5.50 per lb.

Imported seed (ready in July) from North China—  
40c per oz., \$3.50 per lb.

## ULMUS PARVIFOLIA

### Chinese Elm

Tree, rarely up to 75 feet with a trunk 4½ to 7 feet in girth. Bark is gray, smooth. On old trees it peels off in roundish patches, showing the brown inner bark. On young trees it is merely scaly. Branches are numerous and slender and form a rather broad, rounded crown. *It grows often slowly.* Leaves rather leathery, ovate to obovate or oblong, acute or somewhat obtuse, slightly oblique at the base; simply serrate, shiny green, glabrous above, pubescent beneath, when young; usually glabrous at maturity, 2 to 5cm long. Petiole is very short. It flowers in September and fruit ripens in October or November. Flowers clustered, fruit oval to elliptic, emarginate at apex with lullet in the centre of the wing, 9-13 mm. long.

#### NOTES:

A much more beautiful and graceful tree, particularly for ornamental purposes, than *Ulmus pumila*. The branches are long and graceful with a drooping effect at the ends which make the perfect vase form used as a descriptive term for elms. The branches are thin and long and swing in the wind very gracefully. The foliage has a lacy and fine textured appearance. It requires a deep soil, thriving best in a alluvium or loess, where root development to considerable depth is rendered possible. It is a slow grower.

Ready in December. 40c per oz., \$3.60 per lb.

The seeds of these two Elms are rather perishable and orders should be placed well in advance of the ripening of the crops.

## Fruit Seeds

		1 oz.	10 lb.	100 lbs.
ALMOND .....		.15	.80	7.00
APPLE, French Crab .....		.20	1.30	12.00
" Austrian .....		.15	1.20	11.00
" German, from Wild Seedlings .....		.20	1.40	13.00
APRICOT, Russian .....		.15	.40	3.20
AVOCADO ( <i>Persea gratissima</i> ) \$2.00—10s ; \$17.50—100s ; \$150.00—1000s.				
BUTTERNUT, see <i>Juglans cinerea</i> on page 9.				
CHERRY, Mahaleb, washed .....		.20	1.50	12.50
" Mazzard, washed .....		.15	1.10	10.00
CHESTNUT, see under <i>Castanea</i> on page 7.				
CITRUS TRIFOLIATA, Hardy Orange .....		.25	2.10	18.00
HAZELNUT, see <i>Corylus</i> on page 8.				
HICKORY, see under <i>Hicoria</i> on page 9.				
LEMON, see under <i>Citrus</i> on page 7.				
ORANGE, see under <i>Citrus</i> on page 7.				
PEACH, Chinese Wild .....		.15	1.20	11.00
" Naturals, small seed .....		.15	.30	2.50
PEAR, Austrian Wild .....		.15	1.40	13.00
" French .....		.40	3.20	30.00
" German, from true Wild trees .....		.30	2.00	18.50
" Chinese, <i>Pyrus calleryana</i> , true .....		1.00	9.00	85.00
" Japanese, <i>P. ussuriensis</i> .....		.85	7.50	70.00
" Late Jap Pear, <i>P. serotina</i> .....		.80	7.00	65.00
PECAN, see under <i>Hicoria pecan</i> on page 9.				
PERSIMMON, see under <i>Diospyros</i> on page 8.				
PLUM, American, <i>Prunus americana</i> .....		.15	1.40	12.50
" Myrabolan, <i>P. myrabolana</i> .....		.15	1.20	9.00
" St. Julien .....		.15	1.00	8.00
QUINCE, <i>Cydonia oblonga</i> .....		.45	4.00	
WALNUT, see under <i>Juglans</i> on page 9.				

## Seeds of Palms, Tropical and Subtropical Plants

**IMPORTANT:** Palm seeds should be cared for by the planter as soon as possible after ripening and gathering, and as many kinds listed by us must be shipped to us over long distances, orders should be in our hands as early as possible to have best care.

		100s	1000s	Oz.	Lb.
Adenanthera pavonina, Red Sandalwood .....		.....	.....	.50	4.00
Archonotophoenix alexandrae, Alexandra P. ....		.45	4.00	.....	.....
" elegans, Queensland Seaforthia .....		.40	2.80	.....	.....
Areca alba, see <i>Dictyosperma</i> .					
" baueri .....		2.40	.....	.....	.....
" catechu .....		.90	6.50	.....	.....
" lutescens, see <i>Chrysalidocarpus</i> .					
Arenga saccharifera, Sugar P. ....		1.50	12.50	.....	.....
Bauhinia, see page 7.					
Brahea, see <i>Washingtonia</i> .					
Caesalpinia, see <i>Poinciana</i> .					
Calophyllum inophyllum, Hawaiian Kamani .....		5.00	.....	.....	.....
Carica papaya, Papaya .....		.....	.....	.75	6.00
Carludovica palmata, Panama Hat P. ....		.40	3.20	.....	.....
Caryota mitis, Fishtail P. ....		1.10	8.00	.....	.....
" urens, Toddy P. ....		1.10	8.00	.....	.....
Cassia alata, Apulco Ringworm C. ....		.....	.....	.90	.....
" fistula, Golden Shower .....		.....	.....	.90	.....
" glauca, Glossy Shower .....		.....	.....	.90	.....
" grandis, Pink Sh. ....		.....	--	.90	.....
" laevigata, Smooth Senna .....		.....	.....	.90	.....
" nodosa, Pink and White Shower .....		.....	.....	.90	.....
" siamea, Siamese Shower .....		.....	.....	.90	.....
Casuarina, see page 7.					
Ceiba pentandra, Ceiba .....		.45	3.50	.....	.....
Chamaerops excelsa, see <i>Trachycarpus</i> .					
" humilis, Hair P. ....		1.20	8.50	.....	.....
Chrysalidocarpus lutescens, Yellow Areca .....		.70	6.00	.....	.....

**OTTO KATZENSTEIN & CO., ATLANTA, GA., U. S. A.**

	100s	1000s	Oz.	Lb.
Cocos australis, Pindo P.....	.75	6.50	....	....
" campestris, Field P.....	.70	5.50	....	....
" plumosa, San Diego P.....	.75	6.00	....	....
" romanzoffiana, Romanzoff P.....	.80	7.00	....	....
" weddelliana, Weddell P.....	2.00	17.00	....	....
Cordyline australis, Green Dracena.....	....	....	2.60	....
" indivisa, Blue D.....	....	....	.60	5.50
Cycas revoluta, Sago P.....	3.20	26.00	....	....
Dictyosperma album, White Areca.....	.65	5.60	....	....
Dracaena draco, Dragontree.....	....	....	.45	3.50
Elaeis guineensis, African Oil P.....	1.20	9.00	....	....
Eriobotrya japonica, Loquat.....	....	....	.50	4.50
Erythea armata, see Glaucothea.				
" brandegeei, Brandegee P.....	.90	7.00	....	....
" edulis, Guadalupe P.....	1.40	10.00	....	....
Eucalyptus, see page 8.				
Ficus elastica, India Rubbertree.....	.40	2.50	....	....
Glaucothea armata, Blue P.....	1.20	9.00	....	....
Grevillea robusta, Silk-Oak.....	....	....	1.00	9.00
Howea belmoreana, Belmore Palm.....	5.50	....	....	....
" forsteriana, Forster P.....	4.50	....	....	....
Jubaea spectabilis, Syrup P.....	2.00	....	....	....
Latania borbonica, see Livistona sinensis.				
" loddigesii.....	1.50	11.00	....	....
Licuala grandis.....	2.40	....	....	....
Livistona (Corypha) australis, Australian				
Fan P.....	1.10	8.00	....	....
" rotundifolia, Java Fan P.....	2.50	20.00	....	....
" sinensis (Latania borbonica), Chinese				
Fan P.....	.40	3.00	....	....
Macadamia ternifolia, Queensland Nut.....	....	....	.30	2.80
Muntingia calabura, Jamaica-cherry.....	1.60	14.00	....	....
Oreodoxa, see Roystonea.				
Pandanus tectorius, Screwpine.....	2.00	....	....	....
Phoenix canariensis, Canary Date P.....	.30	1.80	....	....
" cycadifolia.....	.65	5.60	....	....
" dactylifera, Date P.....	.40	2.80	....	....
" farinifera .....	.65	5.60	....	....
" glauca.....	.70	5.00	....	....
" leonensis, Senegal Date P.....	.50	3.60	....	....
" pumila, Dwarf Date P.....	.50	4.00	....	....
" reclinata, Senegal Date P.....	.50	4.00	....	....
" roebelini, Roebelin Date P.....	.90	7.50	....	....
" rupicola, Cliff Date P.....	.75	6.00	....	....
" sylvestris, India Date P.....	.60	5.00	....	....
Poinciana regia, Royal Poinciana.....	....	....	.30	2.80
" pulcherrima (Caesalpinia) Flower-fence	.55	4.20	....	....
Pritchardia filifera.....	.45	2.20	....	....
" pacifica (Corypha umbraculif).....	1.00	8.00	....	....
Ravenala madagascariensis, Travellers Palm	3.00	25.00	....	....
Rhapis flabelliformis, Fern P.....	2.25	....	....	....
Roystonea regia (Oreodoxa), Royal P.....	.50	4.00	....	....
Sabal blackburneana, Blackburn P.....	.90	7.00	....	....
" palmetto, Carolina P.....	.55	5.00	....	....
Schizolobium excelsum, Brazilian Shower.....	1.40	....	....	....
Seaforthia elegans .....	.40	2.50	....	....
Spathodea campanulata, Fountain-tree 1/4-oz	\$1.40	....	4.80	....
Swietenia mahogani, True Mahogany.....	....	....	.70	6.50
Tecomaria stans, Florida Trumpet bush.....	....	....	3.50	....
Templetonia retusa, Melbourne Coralbush.....	1.00	....	....	....
Thrinax altissima, Thatch P.....	.70	5.00	....	....
Trachycarpus excelsa, Windmill P.....	.40	3.20	....	....
Washingtonia filifera, Cal. Wash Palm.....	....	....	.30	2.00
" robusta, Mexican Wash P.....	....	....	.30	2.20
" sonorae, Mexican W. P.....	....	....	.40	2.60

Ask for Special List of Seeds from the Philippine Islands.

WRITE US REGARDING OTHER KINDS OF PALM, ETC.,  
SEEDS FOR WHICH YOU ARE IN THE MARKET, SO THAT  
WE MAY QUOTE PRICES.

## Lining-Out Stock

S—seedlings. C—cuttings. B—budded. G—grafted. P—pow.  
 BB—baled and burlaped. X—transplanted once. XX—twice.

These plants are not grown by ourselves but are offered as brokers  
 and are shipped from different nurseries.

### CONIFERS

	size	Per	Per	Per
	10	100	1,000	
<i>Abies balsamea</i> , Balsam Fir.....	4-8" S	.....	2.00	16.50
" <i>concolor</i> , White Fir.....	2-4" S 3 yr	.80	5.00	40.00
" <i>fraseri</i> , Fraser Fir.....	9-12" S	1.50	11.50	105.00
" <i>nordmanniana</i> , Nordmann Fir.....	4-6" X	1.60	12.00	105.00
<i>Cedrus atlantica</i> , Atlas Cedar.....	6-8" S	.75	5.50	42.00
	8-10" S	.90	6.00	50.00
" <i>deodara</i> , Deodar .....	4-6" S	.90	6.00	50.00
	6-8" S	1.20	8.00	65.00
	8-12" X	3.00	24.00	220.00
<i>Chamaecyparis lawsoniana</i> , Lawson Cypress .....	6-8" S	.60	3.00	25.00
	6-8" X	1.00	7.00	.....
	8-10" X	1.40	10.00	.....
" <i>obtusa</i> , Kinoki Cypress.....	6-12" S	.75	5.50	42.00
	8-10" X	1.00	7.00	.....
" <i>obtusa crippsi</i> .....	4-6" X	1.40	10.00	82.50
" <i>pisifera</i> , Sawara Cypress .....	6-12" S	.75	5.50	42.00
	12-15" S	1.00	7.00	55.00
<i>Cryptomeria japonica</i> , Common Crypt...3-6" S	.80	5.00	35.00	
<i>Cupressus arizonica</i> , Arizona Cypress...4-6" S	.50	1.20	10.00	
	10-12" X	1.40	10.00	.....
<i>Juniperus chinensis femina</i> (Reeves)....4-6" X	1.70	13.00	120.00	
" <i>chinensis pfitzeri</i> .....	6-8" X	1.40	10.00	82.50
" <i>excelsa stricta</i> , Spiny Greek J.....4-6" X	1.70	13.00	120.00	
" <i>hibernica</i> , Irish Juniper.....6-12" C 2 yr	1.20	8.00	65.00	
(Larger sizes quoted on inquiry).				
" <i>hibernica</i> , fastigiata, Erect I. J.....4-6" X	1.40	10.00	82.50	
" <i>scopulorum</i> , Colorado J.....6-10" X	2.60	21.00	.....	
" <i>virginiana</i> , Redcedar .....	6-10" S 3 yr	.50	1.60	14.00
<i>Larix dahurica</i> , Dahurian Larch..12-16" S 3 yr	1.40	10.00	80.00	
" <i>europeaea</i> , European L.....4-8" S	.....	2.00	16.50	
" <i>leptolepis</i> , Japanese L.....16-18" S 3 yr	1.40	10.00	82.50	
<i>Picea canadensis</i> , White Spruce.....2-4" S	.50	1.20	9.50	
	4-6" S	.60	3.00	25.00
" <i>excelsa</i> , Norway Spruce.....2-4" S	.50	1.20	9.50	
	4-6" X	.60	3.00	25.00
" <i>excelsa borealis</i> , Polar Spruce.....3-5" S	.....	2.00	16.50	
" <i>marianna (nigra)</i> Black Spruce...6-12" S	1.80	14.00	.....	
" <i>pungens (glauca)</i> Blue Spruce.....2-4" S	.50	1.70	13.50	
	4-6" S	.65	3.50	25.00
	4-6" X	1.40	10.00	85.00
<i>Pinus nigra</i> , Austrian Pine.....4-8" S	.....	1.10	8.50	
	6-10" S	.80	5.00	35.00
" <i>densiflora</i> , Japanese Red P..18-24" S 4 yr	.80	5.00	42.00	
" <i>montana mughus</i> , Mugho Pine.....2-4" S	.....	1.20	9.50	
	4-6" S	.60	3.00	25.00
" <i>pinea</i> , Italian Stone Pine.....8-10" S	.65	3.50	25.00	
" <i>ponderosa</i> , Western Yellow Pine.....4-8" S	.....	1.10	8.50	
" <i>strobos</i> , White Pine.....4-6" S 1 yr	1.00	6.50	50.00	
" <i>sylvestris</i> , Scotch Pine.....6-12" S	.....	1.10	8.50	
" <i>thunbergi</i> , Japanese B. P..12-16" S 4 yr	.80	5.00	42.00	
<i>Pseudotsuga douglasii</i> , Douglas Fir.....3-5" S	.....	2.00	16.50	
<i>Taxus baccata</i> , English Yew.....2 yr S	1.40	9.00	60.00	
" <i>cuspidata</i> , Japanese Yew.....4-6" S 2 yr	2.00	16.50	140.00	
<i>Thuja occidentalis</i> , Amer. Arborvitae...2-4" S	.60	2.50	20.00	
	4-6" S	.65	3.00	25.00
" <i>orientalis</i> , Oriental Biota.....3-6" S	.50	1.20	9.50	
	6-8" S	.50	2.10	16.50
	2½" pots	1.60	12.00	105.00
" <i>orien. aurea conspicua</i> , Goldspire..4-6" X	1.20	9.50	82.50	
	2½" pots	1.60	12.00	105.00
" <i>aurea nana</i> , Berckmans Gold. AV..4-6" S	1.10	8.50	75.00	
" <i>orien. compacta</i> , Compact O. AV..3-6" S	.50	1.20	9.50	
	6-8" X	1.40	9.50	82.50
" <i>orien. elegantissima</i> Yel. Col. AV..6-8" X	1.40	9.50	82.50	
" <i>orien. globosa</i> , Globe AV.....4-8" S	.60	3.00	25.00	
" <i>orien. pyramidalis</i> , Or. Pyramidal AV.....	6-8" S	.60	3.00	25.00
<i>Tsuga canadensis</i> , Canada Hemlock...6-12" X	2.00	17.00	.....	
" <i>caroliniana</i> , Carolina Hemlock...6-12" X	4.00	34.00	.....	

## TREES AND SHRUBS

	Size	Per 10	Per 100	Per 1,000
Abelia grandiflora, Glossy Abelia.....	6-12" C	.85	5.50	42.00
	12-15" C	1.40	9.50	82.50
Acer palmatum, Japanese Maple.....	4-6" S	.60	2.40	18.50
	6-8" S	.60	3.00	25.00
selected for grafting.....	6-8" X	1.40	9.50	82.50
Aesculus octandra, Yellow Buckeye.....	6-12" S	1.00	6.00	48.00
Aucuba japonica aureo-maculata.....	12-14" X	6.50	55.00	.....
Azalea amoena, Amoena A.....	2" pots	1.40	10.00	87.50
" hinodegiri, Hinodegiri A.....	2" pots	1.60	12.00	105.00
" kaempferi, Torch A.....	2" pots	1.40	10.00	87.50
" kurume, Flame A.....	2" pots	1.60	12.00	105.00
" mollis, Chinese A.....	2 yr S	1.40	10.00	87.50
" schlippenbachii, Royal A.....	2 yr	1.40	10.00	87.50
Berberis gagnepainii, Black B.....	2 yr X	1.40	10.00	87.50
" thunbergii atropurpurea .....	1 yr	.65	3.50	25.00
Buxus arborescens, Truetree Box.....	6-8" C	1.00	6.50	55.00
" sempervirens, Common Box.....	4-6" C	.85	5.50	35.00
" suffruticosa, Truedwarf Box.....	4-6" C	1.65	12.50	115.00
Camellia japonica, mixed vars.....	4-6" 2" pots	3.00	25.00	220.00
Celastrus scandens, Bittersweet.....	6-12" S	.85	5.50	42.00
Cornus florida, Flowering Dogwood.....	6-12" S	.50	1.75	13.00
" florida rubra, Red-flow. D.....	10-12" 1 yr	6.00	42.00	.....
Cotoneaster franchetii, Franchet C.....	4-6" C	.90	6.00	.....
" pannosa, Silverleaf C.....	4-6" C	.90	6.00	.....
Cydonia japonica, Flowering Quince.....	8-15" S	1.20	8.00	65.00
Cytisus nigricans, Spike Broom.....	1 yr	1.75	13.50	.....
" scoparius, Scotch Broom.....	3-6" S	.85	5.50	42.00
Elaeagnus pungens, Thorny E.....	3-6" S	.60	3.00	25.00
	8-10" S	.85	5.50	42.00
Enkianthus campanulatus, Redvein E.....	1 yr	1.50	10.00	.....
Euonymus japonicus, Evergreen E.....	4-6" S	1.00	6.50	.....
	12-15" C	1.70	13.00	.....
" microphyllus, Small-leaf E.....	1 yr	1.25	9.00	.....
Hamamelis virginiana, Witch-Hazel.....	3-6" S	1.20	8.00	65.00
Lagerstroemia indica, Crepe-myrt. F.G.....	1-2" S	6.00	42.00	.....
Laurocerasus caroliniana, Cherry-L.....	4-6" S	.60	2.40	18.50
	6-8" S	.60	3.00	25.00
Ligustrum amurense, Amur Privet.....	8-15" S	.50	1.20	10.00
" chinense, Chinese P.....	12-15" S	.50	1.75	14.00
" japonicum, Japanese P.....	4-6" S	.50	1.20	10.00
	6-12" S	.60	2.40	18.00
	24-30" X	1.00	7.00	.....
" lucidum Glossy P.....	4-6" S	.50	1.75	13.00
	6-8" S	.60	2.40	18.00
" nepalense, Nepal P.....	8-10" S	.65	3.50	30.00
Magnolia grandiflora, Sou. Magnolia.....	12-18" X	2.25	18.00	.....
Mimosa pudica, Sensitiveplant.....	4-12" S	1.00	6.00	50.00
Nandina domestica .....	4-6" S	1.00	6.50	60.00
	6-12" S	1.20	7.00	.....
	4-6" X	1.10	8.50	70.00
Photinia serrulata, Low Ph.....	4-6" S	1.80	13.00	120.00
" villosa, Hairy Ph.....	12-18" S	.80	4.80	42.00
Prunus, Japanese Flowering Cherry.....	18-24"	3.00	25.00	.....
Pyracantha angustifolia, Narrowleaf				
Firethorn .....	1 yr 2" pot	1.40	10.00	.....
" coccinea lalandi, Laland Fire-thorn .....	1 yr 2" pot	1.60	12.00	.....
" kansuensis, Kansu F.....	1 yr 2" pot	1.40	10.00	.....
" rogersiana .....	1 yr 2" pot	1.40	10.00	.....
" rogersiana aurantiaca .....	1 yr 2" pot	1.40	10.00	.....
" rogersiana flava .....	1 yr 2" pot	1.40	10.00	.....
" rogersiana gibbsii .....	1 yr 2" pot	1.40	10.00	.....
Stranvaesia davidiana .....	1 yr 2" pot	1.40	10.00	.....
Syringa vulgaris alba, White Lilac.....	6-8" S	.80	5.00	35.00
Ulmus pumila, Siberian Elm.....	10-12" S	1.00	8.50	60.00

F. O. B. Grower's Point

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## Woodsgrown Trees and Shrubs

We have for many years supplied woodsgrown trees and shrubs in very considerable quantities. This material is splendid value and is suitable for growing on or for landscape effects.

	Size	Per	Per
	Feet	100	1,000
Abies fraseri, Fraser Fir.....	1/2-1	8.50	55.00
Alnus viridis, Green Alder.....	1/2-1	11.00	95.00
Aronia arbutifolia, Red Chokeberry.....	1-3	5.50	45.00
Azalea nudiflora, Pinxterbloom.....	1/2-1	5.50	45.00
" vaseyi, Pinkshell A.....	4-12 in.	11.00	95.00
" viscosa, Swamp Azalea.....	1/2-1	6.00	48.00
Cercis canadensis, Redbud.....	1/2-1	6.00	52.00
Clethra alnifolia, Summersweet.....	1-2	4.80	41.00
Comptonia asplenifolia, Sweet Fern.....	1-2	11.00	95.00
Cornus florida, White Fl. Dogwood.....	1/2-1	4.50	38.00
" florida.....	1-3	5.00	42.00
Cyrilla racemiflora, Swamp Ironwood.....	1/2-1	5.50	45.00
Fothergilla alnifolia, Fothergilla.....	1/2-1	6.00	52.00
Ilex glabra, Inkberry.....	1/2-1	4.80	41.00
" glabra, Inkberry.....	1-2	5.50	45.00
" opaca, American Holly.....	1/2-1	5.00	42.00
" opaca, American Holly.....	1-2	6.00	48.00
" verticillata, Common Winterberry.....	1-3	4.80	41.00
" vomitoria, Yawpon.....	1-2	6.00	48.00
Leucothoe catesbeiae, Drooping Laurel.....	1-3	4.80	41.00
Liquidambar styraciflua, Sweetgum.....	1-3	4.80	41.00
Liriodendron tulipifera, Tuliptree.....	1/2-3	4.80	41.00
Magnolia glauca, Sweetbay.....	4-8 in.	6.00	50.00
" glauca, Sweetbay.....	8-18 in.	6.50	55.00
Oxydendrum arboreum, Sourwood.....	1-2	4.50	40.00
Pieris lucida, Fetterbush.....	1-2	4.50	40.00
Prunus serotina, Black Cherry.....	1/2-1	6.00	48.00
Robinia hispida, Rose-Acacia.....	1-3	4.20	35.00
Stewartia pentagyna, Mountain-Ash.....	1-2	9.50	82.50
Viburnum cassinoides, Witherod.....	1/2-2	4.50	38.00
" nudum, Smooth Witherod.....	1/2-2	4.20	35.00
Vinca minor, Periwinkle.....	8-12 stems	3.50	26.00
Zanthorrhiza apiifolia, Yellowroot.....	strong	3.50	26.00
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## Flower Seeds

Complying with the request of many friends whom we have been supplying with these seeds for some time to their absolute satisfaction we are offering the following short list of high grade FLOWER SEEDS. We shall gladly quote on and supply any other kinds omitted here.

Large packets 15 cents each.

A-Annual, B-Biennial, P-Perennial, C-Climber, fl-flower.

	1/4 Oz.	1 Oz.	1/4 Lb.	1 Lb.
P Aconitum fisheri, large pale blue fl.....	.90	3.00	8.50	28.00
A Alyssum, Sweet (A. benthami).....	.15	.35	.90	2.80
A " Little Gem, Snow-white Carpet.....	.35	1.00	2.60	10.00
A Amaranthus, OK Special mixture.....	.30	.80	2.50	8.00
A " caudatus, Love-Lies-Bleeding.....	...	.20	.45	1.40
P Anchusa italicica, Dropmore var.....	.45	1.50	4.50	14.00
A Antirrhinum, Snapdragon, dwarf mixt....	.25	1.00	2.60	10.00
A " Giant-flowered tall mixt.....	.70	1.80	5.50	19.00
P Aquilegia caerulea, Rocky M'nt'n Columbine .....	.80	2.20	6.25	22.00
P " Longspurred vars O. K. mixture.....	1.00	3.00	9.00	32.00
P " canadensis, American C.....	.50	1.40	3.00	11.00
A " plumosus nanus .....	.35	per 100 ; \$2.80 per 1,000.		
A Aster Semple, Giant Branching, mixed....	.35	.90	3.00	11.00
A " Giant Comet, mixed.....	.65	1.70	4.60	17.00
A " Ostrich Feather, mixed.....	.35	1.00	3.80	14.00
A " Queen of the Market, mixed.....	.35	.90	3.40	12.00
We are in position to supply all kinds and shades of Asters. State your requirements.				
P Atropa belladonna, Belladonna.....	.40	1.20	-----	-----
A Balsam, Double Camellia-flowered, O. K. mixed.....	.20	.60	2.10	6.80
A " finest of all mixtures.....	.35	.90	3.40	12.00
A Calendula, Pot Marigold, Orange King.....	.15	.35	.90	2.80
A " good mixture .....	.15	.20	.55	1.80

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		$\frac{1}{4}$ Oz.	1 Oz.	$\frac{1}{4}$ Lb.	1 Lb.
A	Calliopsis, O. K. mixture.....	.35	.90	2.65	9.50
A	" Dwarf sorts mixed.....	.15	.45	1.20	4.50
A	Candytuft, all color mixed.....	.15	.25	.60	2.00
B	Campanula, Canterbury Bells, mixed.....	.20	.45	1.20	4.00
P	Carnation, Margaret double flower mixed .....	.35	1.00	2.60	10.00
P	" Giant Margaret mixture.....	.90	3.00	8.50	28.00
	" See also Dianthus.				
A	Celosia, Coxcomb, Ostrich Plume, tall mixed .....	.20	.50	1.60	5.50
A	Centaurea cyanus, Cornflower, blue.....	.15	.30	.75	2.50
A	" cyanus, many shades mixed.....	.15	.30	.75	2.50
A	" imperialis, Giant Sweet Sultan, many color mixed.....	.25	.60	1.80	5.50
A	Cosmos, Giant flowering mixture.....	.15	.25	.60	2.00
A	" Early flowering Hybrids mixture.....	.15	.35	.90	2.80
P	Dahlia, double OK choice mixture.....	1.75	6.00	.....	.....
P	" OK special Double and single mix....	1.40	4.80	12.50	46.00
P	Delphinium cardinalis, Scarlet Larkspur.....	.85	2.40	.....	.....
P	" belladonna, light blue.....	1.00	3.00	8.00	30.00
P	" OK Gold Medal mixture.....	.50	1.40	5.00	18.00
P	Dendromecon rigidum, Treepoppy.....	.25	.85	2.50	8.50
A	Dianthus chinensis, double fl. mixed.....	.25	.60	1.50	5.00
A	" hedgewegi, double mixture.....	.35	1.00	2.60	10.00
A	" Japanese, single mixture.....	.25	.60	1.50	5.00
B	Digitalis gloxiniaeflora, Foxglove, mixed.....	.30	.70	1.80	6.00
A	Eschscholtzia, California Poppy, mixed....	.15	.25	.60	2.00
P	Gaillardia grandiflora, New Hybrids mixed .....	.35	1.00	2.60	10.00
A	" lorenziana, double mixed.....	.25	.70	1.80	6.00
P	Hollyhock, OK double mixture.....	.75	2.00	5.75	20.00
P	" Newport Pink .....	.75	2.10	6.00	21.00
A	Impatiens sultani, Hybrids, 1-16 oz. \$1.80	5.50	19.00	.....	.....
A	Kochia childsi, Burning Bush.....	.15	.40	1.00	3.00
A	Larkspur, Delphinium, Stock flowered mixed.....	.35	.90	2.10	6.00
A	" Newport Pink .....	.35	1.00	2.60	6.00
P	Liatris pycnostachya, Cat-tail Gay feather.....	.25	.65	2.25	6.50
P	Lobelia cardinalis, Cardinalflower .....	1.20	4.00	10.50	38.00
A	" inflata, Indian Tobacco.....	.15	.40	1.00	3.50
P	Lupinus texensis, Texas Bluebonnet.....	....	.30	.75	2.50
A	Marigold, African double tall mixed.....	.35	.85	2.40	7.00
A	" French, Tall double mixed.....	.25	.60	1.50	5.00
A	" French, Dwarf double mixed.....	.25	.60	1.50	5.00
A	Nasturtium, Dwarf, best mixture.....	....	.15	.35	1.10
A	" Tall, best mixture.....	....	.15	.30	1.00
A	" lobbi, many colors mixed.....	....	.15	.35	1.20
A	Pansy, Giant mixture.....	1.80	6.50	17.50	65.00
A	" English Fine mixture.....	.55	1.60	4.80	16.00
A	" Good mixture .....	.35	1.00	2.60	10.00
A	" Trimardeau, Showy mixture.....	.70	1.80	6.00	21.00
These are with us the most popular mixtures. We can supply any particular shades or mixtures.					
P	Passiflora incarnata, Maypop.....	.15	.45	1.20	4.00
A	Phlox drummondii grandiflora, best mixt.	.35	.90	3.00	11.00
A	" OK Special mixture of all sorts.....	.80	2.65	7.00	25.00
A	Poppy, Oriental, hybrids mixed.....	.70	2.00	5.20	20.00
A	" Iceland (P. nudicaule), sing. mixed.....	.60	1.70	4.80	16.50
A	Portulaca, single, all colors mixed.....	.40	1.00	2.80	8.00
A	" double, OK mixture.....	1.20	3.20	10.00	.....
A	Salpiglossis variabilis, fine mixture.....	.35	1.00	3.80	14.00
A	" OK Special mixture.....	.70	2.00	5.20	20.00
P	Schrunkia angustata, Shamebrier.....	.25	.75	.....	.....
A	Sweet Pea, Spencer OK mixture.....	.15	.25	.60	2.00
A	" Spencer Hybrids, mostly light shades .....	....	.15	.40	1.20
A	" Eckford mixture, very finest.....	....	.15	.30	.90
A	" OK price mixture of new and standard varieties .....	.15	.20	.55	1.80
A	Sweet William, OK mixture.....	.70	2.00	5.20	20.00
A	" Mammoth flowered single mixed.....	.35	1.00	2.60	10.00
P	Tigridia pavonia, Common Tiger Flower.....	.25	.70	1.75	6.50
A	Verbena, OK finest mixture.....	.35	1.00	3.80	14.00
A	" good mixture .....	.35	1.00	2.60	10.00

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A Zinnia, Colossal, double mixed.....	.35	.85	2.40	7.00
A " " OK double finest mixed.....	.50	1.50	5.00	18.00
A " " Dahlia-flowered, mixed.....	.35	.80	3.80	14.00
A " " Gold Medal, finest mixed.....	.70	2.00	5.20	20.00

We can supply Zinnias in all available shades and forms.

A SURPRISE GARDEN MIXTURE, many good flowers mixed.....	.15	.35	.80	2.60
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Add any other flower seeds to your order. We can supply them.

## Roots and Seeds of Medicinal Plants

Arrangements with very reliable growers permit us to offer the following list of high grade Medicinal Roots and Seeds for propagation at very attractive prices, which are not subject to any discount. We are not growers ourselves. For roots and seeds of economic plants not listed or for large quantities we can quote on direct inquiry.

Information regarding cultivation of Ginseng, Goldenseal and other herbs may be had by applying to the United States Department of Agriculture, Washington, D. C., which issues bulletins on these subjects.

### SEEDS

	100	500	1000	10,000	Oz.	Lb.
Ginseng .....	.50	1.80	3.00	27.50	....	....
(Panax quinquefolium)						
Goldenseal .....	.35	1.40	2.00	18.00	....	....
(Hydrastis canadensis)						
Lobelia cardinalis .....	....	....	....	....	3.50	32.50
(Cardinal flower)						
" inflata .....	....	....	....	....	.35	3.00
(Indian tobacco)						
Pink root .....	.40	1.60	2.40	....	....	....
(Spigelia marilandica)						
Belladonna .....	....	....	....	....	1.00	....
(Atropa belladonna)						
Shamebrier .....	....	....	....	....	.75	....
(Schrankia angustata)						
Stramonium .....	....	....	....	....	.30	2.40
(Datura stramonium)						

We pay postage on domestic orders for these seeds when accompanied by cash.

### ROOTS

#### GINSENG (Panax quinquefolium)

	10	100	500	1,000
	Roots	Roots	Roots	Roots
1 year old .....	1.00	4.00	11.50	22.00
2 years old .....	1.40	5.00	18.00	32.00

#### GOLDENSEAL (Hydrastis canadensis)

1 year old .....	.65	2.00	6.50	11.00
2 years old, small .....	.90	2.60	10.50	19.00
2 years old, strong (Woodsgrown) .....	1.35	3.20	12.50	23.00

### SUNDRY MEDICINAL ROOTS

	10	100	1,000
	Roots	Roots	Roots
Aconitum napellus, Aconite .....	1.00	3.00	18.00
Aletris farinosa, Stargrass .....	1.00	3.00	18.00
Angelica atropurpurea, Purplestem Angelica.....	1.00	3.00	18.00
Aplectrum hyemale, Puttyroot, Adam and Eve.....	1.25	3.50	20.00
Arisaema triphyllum, Jack-in-the-Pulpit.....	1.00	3.00	18.00
Aristolochia serpentaria, Virginia Snakeroot.....	1.00	3.00	18.00
Asclepias incarnata, Swamp Milkweed.....	1.00	3.00	18.00
Asclepias tuberosa, Butterflyweed.....	1.00	3.00	18.00
Asclepias tuberosa, Strong .....	1.80	5.50	.....
Chamaelirium luteum, Fairywand.....	1.00	3.00	18.00
Cimicifuga racemosa, Cohosh Bugbane .....	1.00	3.00	18.00
Cypripedium parviflorum, Small Yellow Lady-slipper	1.50	7.00	.....
Dionaea muscipula, Venus Flytrap.....	2.00	7.50	.....
Dioscorea villosa, Wild Yam.....	1.25	3.50	22.50
Drosera rotundifolia, Sundew.....	1.80	5.50	.....
Erythronium americanum, Common Troutlily.....	1.00	3.00	18.00
Fragaria virginica, Va. Strawberry .....	1.00	3.00	.....
Gelsemium sempervirens, Carolina-Jessamine .....	1.00	3.00	18.00
Gentiana andrewsi, Closed Gentian.....	2.50	4.50	32.00
Hepatica triloba, Roundlobe Hepatica .....	1.00	3.00	18.00

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		10 Roots	100 Roots	1,000 Roots
<i>Hydrastis canadensis</i> , Goldenseal (see page 20).....		.65	2.00	11.00
<i>Liatris pycnostachya</i> , Cat-tail Gayfeather strong.....		2.00	8.50	70.00
“ <i>scariosa</i> , Blazing Star, strong.....		2.00	8.50	70.00
<i>Mitchella repens</i> , Partridgeberry .....		1.00	3.00	18.00
<i>Panax quinquefolium</i> , Ginseng (see page 20).....		1.00	4.00	22.00
<i>Passiflora incarnata</i> , Maypop .....		1.00	3.00	18.00
<i>Phlox subulata</i> , Moss Pink .....		1.00	3.00	18.00
<i>Phlox subulata</i> , Strong.....		1.80	5.50	35.00
<i>Phytolacca americana</i> ( <i>decandra</i> ) Common Pokeberry .....		1.00	3.00	18.00
<i>Podophyllum peltatum</i> , Common Mayapple .....		1.00	3.00	18.00
<i>Polygala senega</i> , Seneca-Snakeroot.....		1.00	3.00	20.00
<i>Polygonatum biflorum</i> , Small Solomonseal.....		1.00	3.00	18.00
<i>Sanguinaria canadensis</i> , Bloodroot .....		1.00	3.00	18.00
<i>Sarracenia flava</i> , Trumpet Pitcherplant .....		1.80	5.50	30.00
<i>Sarracenia purpurea</i> , Common Pitcherplant.....		1.80	5.50	35.00
<i>Sarracenia rubra</i> , Sweet P.....		2.00	6.00	-----
<i>Silene virginica</i> , Firepink .....		1.25	3.50	-----
<i>Smilacina stellata</i> , Starry False Solomons Seal.....		1.00	3.00	18.00
<i>Spigelia marilandica</i> , Pinkroot .....		1.00	3.00	18.00
<i>Stillingia sylvatica</i> , Queen's Delight.....		1.00	3.00	-----
<i>Tradescantia virginica</i> , Va. Spiderwort .....		1.00	3.00	18.00
<i>Trillium erectum</i> , Purple Trillium .....		1.00	3.00	18.00
“ <i>grandiflorum</i> , Purple T. .....		1.00	3.00	18.00
“ <i>sessile</i> , Toad T. .....		1.00	3.00	18.00
<i>Viola cucullata</i> , Blue Marsh Violet .....		1.00	3.00	16.00
<i>Viola pedata</i> , Birdsfoot Violet .....		1.00	2.60	15.00
<i>Viola pubescens</i> , Downy Yellow Violet .....		1.00	3.00	16.00

Prices for ten roots include delivery of domestic orders accompanied by cash. NO DISCOUNTS ON ROOTS.

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